

REMARKS

The present communication is responsive to the Official Action mailed July 19, 2010, rejecting all of the claims pending in the application ("Official Action"). In particular, the Examiner rejected claims 1, 2 and 44-22. Claims 1, 2 and 4-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Goldschmidt Iki et al. (USPN 6,594,825) ("*Iki*"), in view of Jeong (USPN 6,285,819) ("*Jeong*"), in view of Chernock et al. (USPN 6,314,569) ("*Chernock*"), in further view of Lownes et al. (USPN 6,137,539) ("*Lownes*") in further view of Craven et al. (USPN 5,649,171) ("*Craven*"). Claims 21-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over *Iki*, in view of *Jeong*, in view of *Chernock*, in further view of *Lownes*, in further view of *Craven*, in further view of Ohara et al. (USPN 6,292,618) ("*Ohara*").

The Examiner has relied on a combination of *Iki*, *Jeong*, *Chernock*, *Lownes*, and *Craven* at least for the features of claim 1. Applicants disagree with the rejection. Applicants respectfully do not agree that a person skilled in the art with these five references in front of them would see Applicants' invention. In view of the number of references being combined, it appears that the rejection is more akin to a hindsight reconstruction than something that would actually be understood from the cited art. Nevertheless, solely for purposes of expediting the application, Applicants has amended the independent claims and requests that the Examiner reconsider the rejection.

Applicants submit that the application claims novel and non-obvious subject matter and is in condition for allowance. To this end, Applicants' invention of claim 1 is an audio and/or video signal transmission system for transmitting an audio and/or video

signal between a transmitting peripheral apparatus and a receiving apparatus. The system at least includes the following:

the audio and/or video signal transmitting peripheral apparatus including analog audio and/or video signal generating means for generating an analog audio and/or video signal, digital audio and/or video signal generating means for generating a digital audio and/or video signal, analog output means for outputting said analog audio and/or video signal, information generating means for generating a digital information signal containing information identifying a type of said transmitting peripheral apparatus and an equipment brand name of said transmitting peripheral apparatus and indicating a format type of said analog audio and/or video signal or said digital audio and/or video signal, a multiplexing circuit for multiplexing the digital information signal and the digital audio and/or video signal and producing a multiplexed digital signal, and a digital input/output means for inputting/outputting said multiplexed digital signal, and

the audio and/or video signal receiving apparatus including a plurality of analog input means for inputting an analog audio and/or video signal from the analog output means, digital input/output means for inputting/outputting the multiplexed digital signal to/from the digital input/output means of said transmitting peripheral apparatus, a demultiplexing circuit for demultiplexing an output of said digital input/output means and producing a first output of said digital information signal and a second output of said digital audio and/or video signal,

wherein the audio and/or video signal transmitting peripheral apparatus is operable to (a) asynchronously transmit the information identifying the type of said transmitting peripheral apparatus and the equipment brand name of said transmitting peripheral apparatus and (b) to isochronously transmit said digital audio and/or video signal, based on synthesizing said digital audio and/or video signal and the information identifying the type of said transmitting peripheral apparatus and the equipment brand name of said transmitting peripheral apparatus in said multiplexing circuit, and

wherein the transmitting peripheral apparatus is connected to the receiving apparatus, and the format type selectively indicates analog signal and digital signal;

wherein said audio and/or video signal receiving apparatus further includes:

information processing means receiving the first output from said demultiplexing circuit for generating an image signal therefrom for use in displaying the type of the audio and/or video signal transmitting peripheral apparatus, the equipment brand name of the peripheral apparatus and the format type of the output video signal from the audio and/or video signal transmitting peripheral apparatus, wherein the type of the audio and/or video signal transmitting peripheral apparatus, the equipment brand name of the transmitting peripheral apparatus and the format type are indicated by respective predetermined characters or by a logo,

signal forming means for forming a display video signal from said analog audio and/or video signal from said analog input means, and/or from said digital audio and/or video signal from said demultiplexing means, and

means for superimposing the image signal on the display video signal, so that when displayed the predetermined characters or logo are superimposed on a displayed image such that a user can view the type of the audio and/or video signal transmitting peripheral apparatus, the equipment brand name and the format type pertaining to the display video signal currently being displayed at the time the display video signal is displayed.

Applicants' technology may be considered in conjunction with the embodiments of the specification and in FIG. 1. (See, e.g., Applicants' Specification p. 15-17.) These features are not disclosed in the collective combination of *Iki*, *Jeong*, *Chernock*, *Lownes*, and *Craven*. For example, although the Examiner has relied upon *Chernock* in col. 4, lines 41-55 for "multiplexing the digital information signal onto a digital source signal", this does not teach the configuration of the features of Applicants' multiplexing technology.

Accordingly, Applicants request that the Examiner withdraw the rejection of claim 1. For reasons similar to those

previously described with regard to claim 1, it is also respectfully submitted that independent claims 7 and 12, as well as their dependent claims, are also in condition for allowance.

As it is believed that all of the rejections set forth in the Official Action have been fully met, favorable reconsideration and allowance are earnestly solicited.

If, however, for any reason the Examiner does not believe that such action can be taken at this time, it is respectfully requested that he/she telephone applicant's attorney at (908) 654-5000 in order to overcome any additional objections which he might have.

If there are any additional charges in connection with this requested amendment, the Examiner is authorized to charge Deposit Account No. 12-1095 therefor.

Dated: October 8, 2010

Respectfully submitted,
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